

10-34-02 44 Recd 10/27/PTO 27 OCT 2000 CT

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A LEGAL PROFESSIONAL ASSOCIATION  
PATENT, TRADEMARK & COPYRIGHT PRACTICE  
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**09/674369**

10/27/00  
13606 U.S. PTO

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October 27, 2000  
Case Docket No. WFA-1100

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BOX PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL SHEET FOR PATENT APPLICATION**

Dear Sirs:

Transmitted herewith for filing under 35 U.S.C. §371 is a written application for a patent.

Express Mail No.: EL615297391US

Inventor: William F. AFTOORA

Title: LIQUEFIED WATER SOLUBLE ACIDITY-REDUCING FORMULATION FOR FOOD  
AND BEVERAGE PRODUCTS

**Certificate of Express Mailing**

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as Express Mail - Label No. EL615297391US - "Express Mail Post Office to Addressee" in an envelope with sufficient postage addressed to: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Joan E. Barris  
(type or print name of person signing paper)

Joan E. Barris  
(signature of person mailing paper)

10/27/00  
(date)

The present application is filed pursuant to 35 U.S.C. §371 and is a national stage application of PCT/US99/27251, filed November 17, 1999. The international application claims priority from United States Provisional Patent Application No. 60/109,785, filed November 25, 1998.

The Applicant, William F. Aftoora, is an independent inventor as defined by 37 C.F.R. §1.9 and, therefore, is entitled to a one-half reduction in the filing fees for this application. A statement claiming small entity status is filed herewith.

Enclosed is:

Transmittal Letter with Certificate of Mailing and Authorization to Charge Deposit Account  
(2 pages - in duplicate)

Transmittal Letter to the United States Designated/Elected Office (2 pages)

Preliminary Amendment (2 pages)

Combined Declaration and Power of Attorney (3 pages)

Specification:

11 pages Description

4 pages Claims

1 page Abstract

Statement Claiming Small Entity Status (1 page)

Information Disclosure Statement (2 pages)

PTO Form PTO/SB/08A (1 page)

Copies of References Cited (16 references)

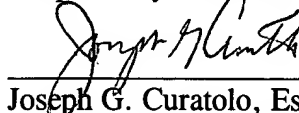
Check in the amount of \$354.00

Return Receipt Postcard

**Authorization to Charge Deposit Account**

In the event an additional fee is applicable to the filing of this document and the required fee is not enclosed, or the fee submitted is insufficient, the Commissioner is hereby authorized to charge any fees which might be required to effect the filing of this (these) document(s) to Account No. 18-0987. This authorization is being submitted in duplicate.

Respectfully submitted,



Joseph G. Curatolo, Esq. (Reg. No. 28,837)

RENNER, KENNER, GREIVE, BOBAK, TAYLOR & WEBER

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Telephone: (440) 808-0011

Attorney for Applicant

10-27-2000

Date

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

WFA-1100

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/674369

INTERNATIONAL APPLICATION NO.  
PCT/US99/27251

INTERNATIONAL FILING DATE  
17 November 1999 (17.11.99)

PRIORITY DATE CLAIMED  
25 November 1998 (25.11.98)

TITLE OF INVENTION LIQUEFIED WATER SOLUBLE ACIDITY-REDUCING FORMULATION FOR FOOD AND BEVERAGE PRODUCTS

APPLICANT(S) FOR DO/EO/US AFTOORA, William F.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

PTO Form PTO/SB/08A

Copies of References Cited (16 references)

Statement Claiming Small Entity Status

Check in the Amount of \$354.00

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I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as Express Mail - Label No. EL615297391US - "Express Mail Post Office to Addressee" in an envelope with sufficient postage addressed to: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

William F. Aftoora

(type or print name of person signing paper)

William F. Aftoora

(signature of person mailing paper)

10/27/00

(date)

17. ☒ The following fees are submitted:

CALCULATIONS PTO USE ONLY

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$970.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$840.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$690.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$690.00  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... ~~\$670.00~~

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 690.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	21 - 20 =	1	X \$18.00
Independent claims	3 - 3 =	0	X \$78.00

\$ 18.00

\$ 0.00

\$ 0.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable)

+ \$260.00

**TOTAL OF ABOVE CALCULATIONS =**

\$ 708.00

Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

\$ 354.00

**SUBTOTAL =**

\$ 354.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ 0.00

**TOTAL NATIONAL FEE =**

\$ 354.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

\$ 0.00

**TOTAL FEES ENCLOSED =**

\$ 354.00

Amount to be  
refunded:

\$

charged:

\$

a. ☒ A check in the amount of \$ 354.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 18-0987. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Joseph G. Curatolo  
Renner, Kenner, Greive, Bobak, Taylor & Weber  
24500 Center Ridge Road, Suite 280  
Westlake, OH 44145  
US

SIGNATURE:

Joseph G. Curatolo

NAME

28,837

REGISTRATION NUMBER

#4

**STATEMENT CLAIMING SMALL ENTITY STATUS**  
**(37 CFR 1.9(f) & 1.27(b)) - INDEPENDENT INVENTOR**

Docket Number (Optional)  
WFA-1100

Applicant, Patentee, or Identifier: William F. AFTOORA

Application or Patent No.: New United States National Stage Patent Application

Filed or Issued: October 27, 2000

Title: LIQUEFIED WATER SOLUBLE ACIDITY-REDUCING FORMULATION  
FOR FOOD AND BEVERAGE PRODUCTS

As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

- ☒ the specification filed herewith with title as listed above.  
☐ the application identified above.  
☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ No such person, concern, or organization exists.  
☐ Each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)


I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

\*\*\*\*\*  
NAME OF INVENTOR

William F. AFTOORA  
NAME OF INVENTOR

\*\*\*\*\*  
NAME OF INVENTOR

Signature of inventor

  
Signature of inventor

Signature of inventor

Date

Oct. 25, 2000  
Date

Date